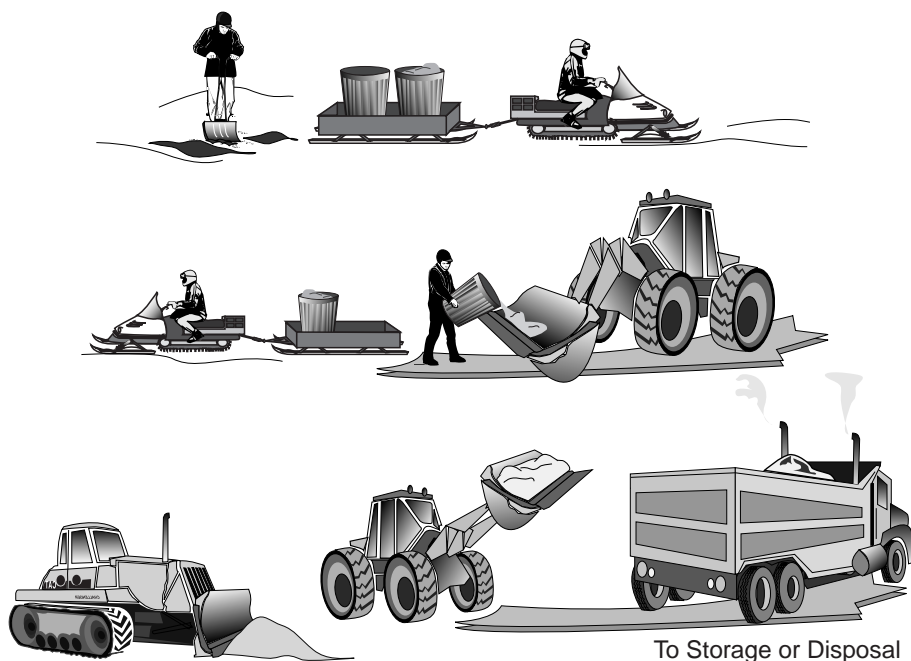


Snow Management



Moving snow on or off a site may be useful for the following several reasons:

- Snow can be used as a sorbent (Tactic T-4) to clean up spill residue.
- Snow can be placed on a site to provide more water to plants during the growing season (Tactic T-15).
- Snow can be removed from a site to extend the growing season (Tactic T-20).
- Snow can be removed from a site so that contaminated vegetation may be scraped (Tactic T-8).

Snow can be handled with heavy equipment or by hand. Manual handling of snow is the preferred technique when working in tight areas, when the ground is too rough for heavy equipment, or when there is insufficient snow cover for heavy equipment. If the snow is contaminated with spill residue, it must be stored in a leakproof containment area and proper disposal must be arranged. If the snow is not contaminated with spill residue, it may be stockpiled nearby.

Broom and shovel the snow into piles. Transfer the piles to garbage cans, totes, or similar containers. Once a container is full, use a snow machine or Argo to transfer it to a stockpile or a truck on a pad or road.

APPLICABILITY

- *Spilled Substance:* All
- *Tundra Types:* All
- *Season:* Winter

CONSIDERATIONS AND LIMITATIONS

- Topographic relief (e.g., tussocks, patterned ground) may preclude use of heavy equipment.
- Use of vehicles on tundra must comply with applicable tundra travel policies (Tactic P-5).
- If snow is mixed with spill residue, arrange for lined containment and proper disposal before removing the snow.
- Add a spotter to each piece of heavy equipment when working in areas with above-ground pipes or other obstacles.
- This tactic has been adapted from Tactics R-2 and R-3 in the *Alaska Clean Seas Technical Manual* (Alaska Clean Seas, 1999, Vol. 1).

EQUIPMENT, MATERIALS, AND PERSONNEL

- Snow shovels and brooms (1 worker per tool) – manual snow removal
- Garbage cans or totes (1 or more workers per container, depending on weight of container) – to carry snow to trailer
- Snowmachine or Argo with trailer (1 operator) – to transport collected snow or containers
- Challenger (1 operator) – to scrape snow into piles for removal
- Front-end loader with bucket (1 operator) – to transfer snow to end dump
- End dump (1 operator) – to transport snow for storage or disposal